

2. Personnel Required: "For small communities, one person can serve in the multiple capacity of truck driver, tractor operator, and foreman. On large installations, a full time foreman should be employed."
3. Land Requirements: Using a formula suggested by the State Board, the land requirements for Sanford's landfill would be about 2 acres per year at the present population. Landfill operations can be shifted to new sites quite easily.
4. Costs: According to the U.S. Public Health Service, operating costs of sanitary landfills range from \$1.00 to \$1.50 per ton of refuse. This would mean a range of \$5,500 to \$8,000 per year. However, there should be a certain amount of savings involved in the landfill operation. Sanford's refuse is now carried 6 miles from town because an open dump is a nuisance and requires large tracts of land. The City pays for this distance in the labor, fuel and other costs spent in covering these miles. It has been estimated that it costs 35¢ per running mile to operate an 18 cubic-yard packer truck between its collection area and the dumping ground (labor included). According to a 1961 survey by the Public Works Department, Sanford's trucks altogether average 36 trips to the dump each week. At this rate, each mile to the dump costs 72 truck miles or \$25.00 per week. This distance can be reduced several miles by using a sanitary landfill.
5. Location Principles: It is claimed that a properly operated sanitary landfill causes no odor beyond 200 feet away. However, it would probably be a good idea to give the method its first trial a greater distance from the nearest residence. Beyond this, several principles apply:
  - a. Minimize the total travel distance for trucks. (This would suggest a site either east or west of Sanford's center.)
  - b. Be sure that soil will compact well.
  - c. Do not block drainage ways.
  - d. Do not locate next to public or private water supply.
  - e. Landowners who want fill may provide sites at no cost to the municipality.
  - f. Prime sites of landfills should be designated and acquired in advance to avoid future hostile public reaction as well as high acquisition costs.
6. Assistance: Representatives of the Sanitary Engineering Division of the State Board of Health offer their services in locating landfill sites and training personnel to operate them at no charge.